

Table L-7: Regional Digestible Energy (DE), Methane Conversion Rates (Y_m), and population percentages for Cattle in 2001

Animal Type	Data	Northern						
		California	West	Great Plains	Southcentral	Northeast	Midwest	Southeast
Beef Repl. Heif.	DE ^a	65	59	66	64	65	65	64
	Y _m ^b	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
	Pop. ^c	3%	10%	31%	23%	2%	14%	17%
Dairy Repl. Heif.	DE	66	66	66	64	68	66	66
	Y _m	5.9%	5.9%	5.6%	6.4%	6.3%	5.6%	6.9%
	Pop.	18%	12%	5%	4%	18%	36%	7%
Steer Stockers	DE	65	59	66	64	65	65	64
	Y _m	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
	Pop.	4%	8%	42%	22%	2%	18%	5%
Heifer Stockers	DE	65	59	66	64	65	65	64
	Y _m	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
	Pop.	2%	7%	50%	22%	1%	15%	4%
Steer Feedlot	DE	85	85	85	85	85	85	85
	Y _m	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
	Pop.	3%	8%	48%	24%	1%	16%	1%
Heifer Feedlot	DE	85	85	85	85	85	85	85
	Y _m	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
	Pop.	3%	8%	48%	24%	1%	16%	1%
Beef Cows	DE	63	57	64	62	63	63	62
	Y _m	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
	Pop.	2%	8%	28%	26%	2%	14%	19%
Dairy Cows	DE	69	66	69	68	69	69	68
	Y _m	4.8%	5.8%	5.8%	5.7%	5.8%	5.8%	5.6%
	Pop.	17%	13%	5%	6%	18%	33%	8%
Steer Step-Up	DE	73	73	73	73	73	73	73
	Y _m	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%
Heifer Step-Up	DE	73	73	73	73	73	73	73
	Y _m	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%

^a Digestible Energy in units of percent GE (MJ/Day).^b Methane Conversion Rate is the fraction of GE in feed converted to methane.^c Percent of each subcategory population present in each region.